

# LINKSYS®

A Division of Cisco Systems, Inc.

## Secure, smart Gigabit networking for growing business

Protection of your network is a mission critical activity. At Linksys, we build powerful security into every product, to keep your wired and wireless networks safe. Linksys Small Business Series systems have advanced firewall, encryption and authentication features to protect you from network threats – threats that can seriously disrupt or damage your business by stealing your valuable data, slowing down your network and interfering with business-critical applications. Our systems ensure maximum application availability enabling you to meet corporate governance and business continuance requirements. The Linksys Small Business Series is the affordable, reliable, high quality networking solution that helps you do business smarter. Secure and easy to install and maintain, it's built to grow with your business.

With broadband speeds increasing beyond 20Mbps, many of the existing 10/100 gateways do not have the processing power to support these higher data rates, becoming the bottleneck in the network. The RVS4000 10/100/1000 4-Port VPN Router operates at Gigabit speeds to meet the demands of today's networks. It features Linksys' proven SPI Firewall with an integrated Intrusion Detection and Prevent System (IDS/IPS).

Its built-in 4-port, full-duplex 10/100/1000 Ethernet switch can connect up four PCs directly, or additional hubs and switches. The QoS features provide consistent voice and video quality throughout your business.

In addition the RVS4000 features a Virtual Private Network (VPN) security engine that creates encrypted "IPSec tunnels" through the Internet. The IPSec VPN tunnels enable remote users from at home, or on the road to easily, and securely connect to the office network through a typical wired or wireless broadband connection. When used with another RVS4000 or other Linksys VPN router, "branch-to-branch" connections can be established allowing users in a remote office to connect to the corporate network.

Gigabit networking to support high-bandwidth applications

SPI Firewall, and Intrusion Protection secure the work from outside threats

QuickVPN IPSec VPN tunnel support provides secure remote user connectivity

QoS provide improved quality voice/video quality



RVS4000

PRODUCT DATA

## 4-Port Gigabit Security Router with VPN

BUSINESS SERIES

Model: RVS4000



## Features

- IPSec VPN tunneling for remote user and branch-to-branch connectivity
- Stateful Packet Inspection Firewall with network address translation (NAT)
- 4-Port 10/100/1000 switch with automatic rate negotiation and automatic MDI/MDIX detection
- IDS/IPS network intrusion detection and protection services with email alerts - Free signature updates are provided for one year
- User defineable access control lists (ACL) for restricting inbound and outbound traffic flows
- QoS support
- DHCP Client (WAN) and Server (LAN) with Dynamic DNS support
- Easy installation and configuration through the Web Interface and QuickVPN software
- SNMP v1 and v2c support

# 4-Port Gigabit Security Router with VPN

## Specifications

Model	RVS4000
Standards	IEEE802.3, 802.3u, 802.1x, RFC791 (IP Protocol)
Ports	Ethernet, Power
Buttons	Reset
Cabling Type	UTP CAT 5
LEDs	Power, Diag, IPS (Blinks RED - Internal attack, Green - external), LAN 1-4, Internet
Operating System	Linux

## Performance

NAT Throughput	800 Mb/s
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## Setup/Config

WebUI	Built in Web UI for Easy browser-based configuration (HTTP/HTTPS)
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## Management

SNMP Version	SNMP Version 1, 2c
Event Logging	Event Logging: Local, Syslog, E-mail Alerts
Web F/W upgrade	Firmware Upgradable Through Web-Browser
Diags: Flash, etc.	Diags: Flash, RAM

## Security

Access Control	IP and MAC based Access Control List (ACL)
Firewall	Stateful Packet Inspection (SPI) firewall
Content Filtering	URL blocking, keyword blocking
IPS (Intrusion Prevention System)	IP Sweep Detection, Application Anomaly Detection (HTTP, FTP, Telnet, RCP), P2P Control, Instant Messenger Control, L3-L4 Protocol (IP, TCP, UDP, ICMP) Normalization, L7 Signature Matching
Signature Update	Manual download from the web (Free download for 1 year)
Secure Management	HTTPS, Username/Password
802.1x	Port-based Radius Authentication (EAP-MD5, EAP-PEAP)

## QoS

Prioritization types	Port-based and Application-based Priority
Queues	4 queues

## Network

VLAN Support	Port-based VLAN
DHCP	DHCP Server, DHCP Client, DHCP Relay Agent
DNS	DNS Relay, Dynamic DNS (DynDNS, TZO)
NAT	PAT, NAT, ALG support, NAT Traversal
DMZ	Software configurable on any LAN port
VPN	5 QuickVPN Tunnels for remote client access 5 IPSec Gateway-to-Gateway Tunnel for branch office connectivity 3DES Encryption MD5/SHA1 Authentication IPSec NAT-T VPN Passthrough of PPTP, L2TP, IPSec
Routing	Static and RIP v1,v2

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## Environmental

Dimensions W x H x D	6.69 x 1.61 x 6.69" (170 x 41 x 170 mm)
Unit Weight	0.84 lbs (0.38 kg)
Power	12V 1A
Certification	FCC class B, CE, ICES-003
Operating Temp.	32 to 104°F (0 to 40°C)
Storage Temp.	-4 to 158°F (-20 to 70°C)
Operating Humidity	10% to 85% Noncondensing
Storage Humidity	5% to 90% noncondensing

## Package Contents

- RVS4000 4-Port Gigabit Security Router with VPN
- User Guide on CD-ROM
- Network Cable
- Power Adapter
- Stands
- Registration Card
- Quick Install Guide

## Minimum Requirements

- Network Adapter With Ethernet Network Cable and TCP/IP Protocol Installed Per PC
- Web-Based Configuration Java/Cookies/SSL-Enabled Web Browser

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Model: **RVS4000**

RVS4000-DS-60706NC-RR